



2005 South Dakota WHEAT VARIETIES



July 22, 2005

INTRODUCTION

This report summarizes the results of the 2005 Wheat Variety Survey conducted by USDA's South Dakota Agricultural Statistics Service. Data was obtained from a cross section of South Dakota wheat growers. Survey results were tabulated from over 2,100 South Dakota wheat producers; approximately 1,200 reported winter wheat and 1,600 reported spring wheat. Percents and acreage data are included at both regional and state levels for winter and spring wheat (excluding durum wheat). All variety data and regional acreages in this publication are survey averages, not official estimates.

This survey is conducted on an intermittent basis. Comparable surveys were last completed in 1996, 1999, and 2002. Extra copies are available upon request. Thanks to all the producers who supplied data making this report possible.

2005 WHEAT

South Dakota had 3.318 million acres planted to wheat for the 2005 crop year. This compares to 3.270 million last year and 3.030 million acres in 2002, the year of the last wheat variety survey.

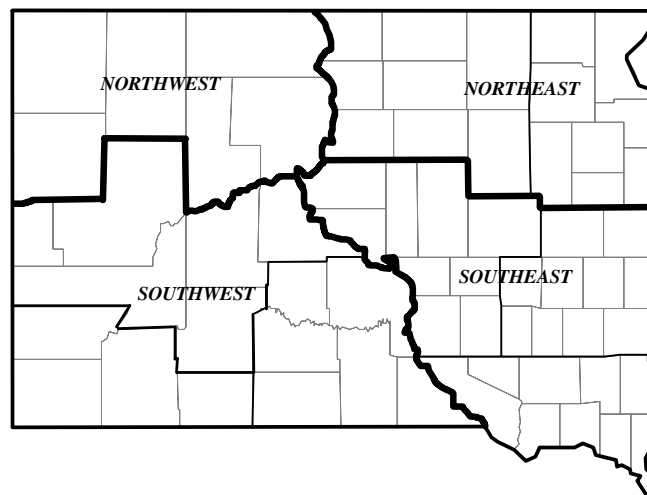
Winter wheat planted for 2005 totaled 1.5 million acres, up from 1.3 million in 2002. Spring wheat acres totaled 1.8 million acres in 2005 up from 1.7 million in 2002.

HIGHLIGHTS

The most popular wheat variety in South Dakota in 2005 was Briggs, a spring wheat variety; while the most planted winter wheat was Wesley. These two varieties accounted for 31.4 percent of the state's 3.318 million wheat acres.

Funding for the Wheat Variety Survey was provided by
The Agricultural Experiment Station, South Dakota State University, Brookings, SD
and the South Dakota Wheat Commission

SOUTH DAKOTA WHEAT REGIONS



WINTER WHEAT

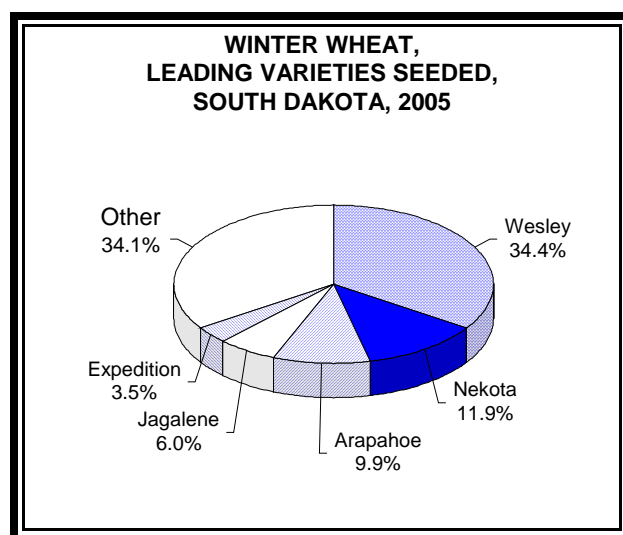
The most popular winter wheat variety in South Dakota in 2005 was Wesley, while Nekota was the second most popular. The top two varieties accounted for 46.3 percent of the 1.5 million winter wheat acres planted in South Dakota. Wesley was planted on 516,200 acres which is up from 138,300 acres in 2002. Nekota accounted for 178,000 acres, or 11.9 percent of the winter wheat acres. Arapahoe, last survey's top winter wheat variety, is

now the third leading winter wheat variety, planted on 9.9 percent of the state's winter wheat acres. Jagalene ranked fourth with 6.0 percent, followed by Expedition with 3.5 percent. These top five varieties accounted for 65.7 percent of the state's winter wheat acres. New varieties reported for the first time in 2005, with at least 1 percent of the winter wheat acreage, included Jagger and Wahoo.

**WINTER WHEAT VARIETIES SEEDED,
SOUTH DAKOTA, 1996, 1999, 2002, & 2005**

Variety	Percent of State Total			2005	
	1996	1999	2002	Pct.	Acres Planted (000)
Wesley	--	--	10.6	34.4	516.2
Nekota	0.4	25.0	23.5	11.9	178.0
Arapahoe	46.7	38.0	28.1	9.9	149.0
Jagalene	--	--	--	6.0	90.7
Expedition	--	--	--	3.5	53.2
Wahoo	--	--	--	2.4	36.4
Alliance	3.3	6.3	4.9	2.3	34.0
Harding	--	--	2.9	1.8	27.2
Rose	8.6	3.8	3.3	1.5	22.8
Crimson	--	1.5	4.2	1.4	21.6
Jagger	--	--	--	1.4	20.8
Scout/Scout 66	--	--	--	1.1	16.8
Other Varieties 1/	41.0	25.4	22.5	22.2	333.3
Total	100.0	100.0	100.0	100.0	1,500.0

1/ Includes varieties with less than 1% of the acreage in 2005 and unknown varieties. 2/ Percentages may not add to 100, due to rounding.



PERCENT AND ACREAGE OF WINTER WHEAT SEEDED BY REGIONS, SOUTH DAKOTA, 2005

Variety	Northwest		Northeast		Southwest		Southeast		State	
	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent
Wesley	29.9	24.9	83.9	49.4	120.2	19.1	282.2	48.7	516.2	34.4
Nekota	0.4	0.3	6.4	3.8	107.3	17.0	63.9	11.0	178.0	11.9
Arapahoe	5.5	4.6	6.7	3.9	98.1	15.6	38.7	6.7	149.0	9.9
Jagalene	5.0	4.2	20.8	12.2	36.7	5.8	28.2	4.9	90.7	6.0
Expedition	5.9	4.9	1.1	0.6	21.1	3.3	25.1	4.3	53.2	3.5
Wahoo	1.7	1.4	3.4	2.0	13.6	2.2	17.7	3.1	36.4	2.4
Alliance	8.2	6.8	0.0	0.0	22.7	3.6	3.1	0.5	34.0	2.3
Harding	8.9	7.4	5.4	3.2	2.1	0.3	10.8	1.9	27.2	1.8
Rose	19.6	16.3	0.0	0.0	2.4	0.4	0.8	0.1	22.8	1.5
Crimson	12.1	10.1	2.1	1.2	1.0	0.2	6.4	1.1	21.6	1.4
Jagger	0.0	0.0	3.9	2.3	1.8	0.3	15.1	2.6	20.8	1.4
Scout/Scout 66	0.9	0.8	0.0	0.0	15.2	2.4	0.7	0.1	16.8	1.1
Other Varieties 1/	21.9	18.3	36.3	21.4	187.8	29.8	87.3	15.1	333.3	22.2
Total	120.0	100.0	170.0	100.0	630.0	100.0	580.0	100.0	1,500.0	100.0

1/ Includes varieties with less than 1% of the acreage in 2005 and unknown varieties.

SPRING WHEAT

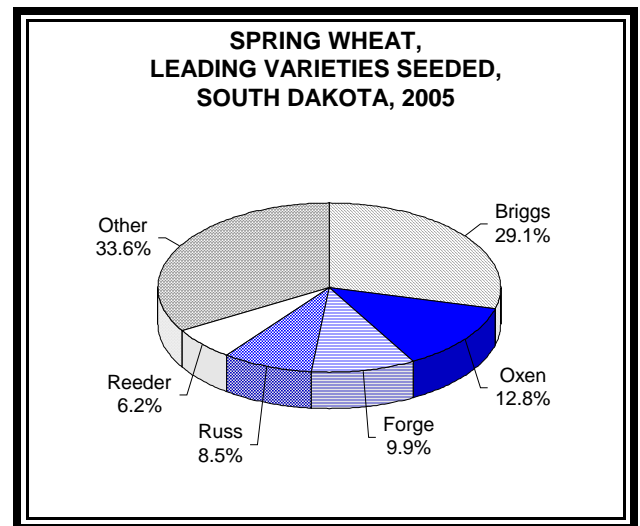
The leading spring wheat varieties in South Dakota for 2005 were Briggs, Oxen, Forge, and Russ. Of the 1.8 million acres of spring wheat planted in South Dakota, the top four varieties made up 60.3 percent of the total. Briggs was planted on 524,100 acres, or 29.1 percent of the state's total spring wheat acreage. Second was Oxen, which was planted on 229,500 acres, a decline from

the 2002 survey mark of 396,100 acres. Rounding out the top four were Forge and Russ which accounted for 9.9 percent and 8.5 percent of the spring wheat acreage, respectively. New varieties reported for the first time in 2005, with at least 1 percent of the spring wheat acreage, included Granger, Knudson, and Mercury.

SPRING WHEAT VARIETIES SEED, SOUTH DAKOTA, 1996, 1999, 2002, & 2005

Variety	Percent of State Total			2005	
	1996	1999	2002	Pct.	Acres Planted (000)
Briggs	--	--	--	29.1	524.1
Oxen	0.1	28.6	23.3	12.8	229.5
Forge	--	11.6	16.8	9.9	178.2
Russ	1.5	26.8	18.4	8.5	153.8
Reeder	--	--	2.4	6.2	112.0
Walworth	--	--	4.1	4.8	86.3
Granger	--	--	--	3.3	59.0
Norpro	--	--	1.1	2.4	43.2
Ingot	--	0.8	12.0	2.2	39.0
Butte 86/Butte	35.5	12.8	4.1	2.1	37.6
Knudson	--	--	--	2.0	35.9
Mercury	--	--	--	1.5	26.8
Other Varieties 1/	62.9	19.4	17.8	15.3	274.6
Total	100.0	100.0	100.0	100.0	1,800.0

1/ Includes varieties with less than 1% of the acreage in 2005 and unknown varieties. 2/ Percentages may not add to 100, due to rounding.



PERCENT AND ACREAGE OF SPRING WHEAT SEED BY REGIONS, SOUTH DAKOTA, 2005

Variety	Northwest		Northeast		Southwest		Southeast		State	
	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent
Briggs	25.7	9.9	352.6	39.6	26.6	13.3	119.2	26.5	524.1	29.1
Oxen	37.8	14.5	115.6	13.0	33.4	16.7	42.7	9.5	229.5	12.8
Forge	28.3	10.9	33.2	3.7	39.2	19.6	77.5	17.2	178.2	9.9
Russ	30.4	11.7	54.5	6.1	12.6	6.3	56.3	12.5	153.8	8.5
Reeder	47.0	18.1	62.5	7.0	1.8	0.9	0.7	0.2	112.0	6.2
Walworth	0.9	0.3	27.4	3.1	6.5	3.3	51.5	11.4	86.3	4.8
Granger	5.7	2.2	43.5	4.9	4.3	2.2	5.5	1.2	59.0	3.3
Norpro	3.5	1.3	32.0	3.6	0.5	0.3	7.2	1.6	43.2	2.4
Ingot	2.5	1.0	16.5	1.9	0.0	0.0	20.0	4.4	39.0	2.2
Butte 86/Butte	15.4	5.9	9.9	1.1	7.0	3.5	5.3	1.2	37.6	2.1
Knudson	0.0	0.0	31.3	3.5	0.2	0.1	4.4	1.0	35.9	2.0
Mercury	0.1	0.0	26.7	3.0	0.0	0.0	0.0	0.0	26.8	1.5
Other Varieties 1/	62.7	24.1	84.3	9.5	67.9	34.0	59.7	13.3	274.6	15.3
Total	260.0	100.0	890.0	100.0	200.0	100.0	450.0	100.0	1800.0	100.0

1/ Includes varieties with less than 1% of the acreage in 2005 and unknown varieties.

FIVE-YEAR AVERAGE, HARVESTED ACREAGE, YIELD AND PRODUCTION, SOUTH DAKOTA, 2000-2004 1/

County and District	Winter Wheat			Other Spring Wheat		
	Harvested	Yield per acre	Production	Harvested	Yield per acre	Production
	Acres	- - - - Bushels - - - -		Acres	- - - - Bushels - - - -	
Butte	6,780	25.2	171,000	4,100	23.3	95,600
Corson	4,860	30.8	149,800	75,820	24.9	1,889,600
Dewey	9,120	35.7	325,800	20,220	27.9	563,600
Harding	2,140	29.4	63,000	18,520	23.8	441,200
Perkins	12,000	32.4	388,200	57,480	27.4	1,573,600
Ziebach	26,560	30.6	813,200	15,060	26.6	400,800
Northwest	61,460	31.1	1,911,000	191,200	26.0	4,964,400
Brown	3,220	51.6	166,000	79,360	45.4	3,602,800
Campbell	2,940	44.1	129,600	40,720	35.1	1,428,600
Edmunds	4,780	54.3	259,400	80,620	42.6	3,435,200
Faulk	7,980	50.2	400,600	55,180	47.8	2,635,600
Mcperson	3,120	44.7	139,600	36,780	38.7	1,424,400
Potter	44,520	51.4	2,287,600	71,280	42.3	3,016,800
Spink	16,320	58.2	949,400	70,020	49.1	3,441,200
Walworth	6,280	42.7	268,000	60,740	35.5	2,159,000
North Central	89,160	51.6	4,600,200	494,700	42.7	21,143,600
Clark	5,380	46.9	252,200	33,660	45.2	1,522,000
Codington	4,280	56.7	242,800	33,820	45.5	1,539,000
Day	1,740	49.0	85,200	67,960	48.0	3,259,800
Deuel	2,860	57.3	164,000	12,920	50.7	654,400
Grant	2,766	58.0	160,333	32,600	50.8	1,655,800
Hamlin	3,860	54.4	210,000	9,380	50.4	473,000
Marshall	860	50.0	43,000	23,960	42.9	1,027,000
Roberts	433	50.0	21,666	69,500	49.8	3,458,400
Northeast	21,060	52.8	1,113,000	283,800	47.9	13,589,400
Haakon	80,960	35.8	2,894,400	19,180	28.2	541,800
Jackson	20,240	28.3	573,800	7,500	21.2	158,800
Lawrence	1/	--	--	1/	--	--
Meade	25,460	31.6	803,600	21,680	27.6	598,600
Pennington	42,520	32.3	1,373,200	13,380	26.1	349,400
Stanley	59,980	34.1	2,044,200	24,540	28.8	706,200
West Central	229,380	33.6	7,696,600	86,480	27.3	2,360,200
Aurora	11,520	55.2	636,200	2,520	41.2	103,800
Beadle	17,780	47.5	845,400	24,580	41.4	1,016,600
Brule	24,320	47.5	1,155,000	6,640	36.4	241,800
Buffalo	6,320	36.5	230,400	2,660	31.5	83,800
Hand	32,640	40.7	1,329,400	47,460	38.8	1,842,000
Hughes	43,520	40.1	1,745,800	31,400	36.2	1,135,800
Hyde	24,700	39.0	962,400	21,400	33.7	720,200
Jerauld	9,460	46.3	438,000	7,000	33.7	236,200
Sully	95,400	44.2	4,215,200	92,860	36.2	3,363,400
Central	265,660	43.5	11,557,800	236,520	37.0	8,743,600
Brookings	2,180	55.0	120,000	11,140	50.8	565,800
Davison	9,520	52.2	497,000	660	39.1	25,800
Hanson	6,080	52.5	319,400	800	45.6	36,500
Kingsbury	15,480	58.8	910,000	9,920	47.2	467,800
Lake	1,260	60.6	76,400	1,760	43.9	77,200
McCook	800	41.3	33,000	500	45.0	22,500
Miner	5,860	53.5	313,600	2,300	44.0	101,200
Minnehaha				850	34.1	29,000
Moody	650	63.8	41,500	2,300	47.8	110,000
Sanborn	4,360	48.7	212,400	1,320	47.6	62,800
East Central	46,080	54.7	2,522,600	31,180	47.7	1,486,000
Bennett	29,740	32.2	956,200	16,540	23.9	396,000
Custer	2,020	34.3	69,200	1,900	25.3	48,000
Fall River	8,040	33.2	266,800	933	25.7	24,000
Shannon	10,120	34.9	353,600	5,880	24.6	144,800
Southwest	49,920	33.0	1,645,800	24,360	24.2	589,400
Gregory	12,240	36.3	444,400	4,420	31.4	139,000
Jones	34,660	35.4	1,226,000	10,500	30.7	322,400
Lyman	69,920	40.3	2,817,600	19,500	32.9	642,400
Mellette	16,220	35.4	574,400	4,480	26.2	117,200
Todd	4,240	36.9	156,400	2,300	29.7	68,400
Tripp	43,460	36.2	1,574,600	15,940	33.4	532,400
South Central	180,740	37.6	6,793,400	57,140	31.9	1,821,800
Bon Homme	5,600	41.6	232,800	900	32.9	29,600
Charles Mix	30,100	51.5	1,549,600	9,680	43.0	416,200
Clay	650	55.0	35,750			
Douglas	10,500	50.3	527,800	1,840	43.6	80,200
Hutchinson	7,720	50.2	387,800	975	42.6	41,500
Lincoln						
Turner	1,000	72.0	72,000	600	45.0	27,000
Union						
Yankton	1,200	52.2	62,600	500	45.0	22,500
Southeast	56,540	50.4	2,847,600	14,620	42.2	617,600
State Total	1,000,000	40.7	40,688,000	1,420,000	39.0	55,316,000

1/ Counties and districts averaging less than 300 acres harvested are not published separately but are included in the district and/or state totals. All averages are derived from published data. District totals are calculated and are not equal to the sum of county averages.